

B-12d

Powered Subwoofer

Setup Guide



How to use this set up guide:

This set up guide will get you started using your new NHT Subwoofer. In this guide we will show you the basic and most common configurations and settings. For many, this will be all the information you require. However if you would like more detail you can find the complete owner's manual online at www.nhthifi.com

If at any time during the setup, you need assistance, call our hotline at 1-800-NHT-9993 (800-648-9993) or email us at help@nhthifi.com.

Boundary control

provides bass eq for different placements in the room.

Subwoofer Volume control

Matches subwoofer volume to the satellite speaker's output.

Auto On

Puts the subwoofer to sleep when no signal is present.



B12d

Powered Subwoofer

Boundary



-3 dB +3dB

Volume



Min Max

Crossover (Hz)



100 80 60 40 130

Phase



90° 180° 0° 270°

Auto On

Always On

In Out

Left Right

Wireless In

LFE

Line In

Subwoofer Low Pass

Crossover control

Use only with low level inputs. Does not function when LFE input is used

Phase control

matches subwoofer phase to the satellite speaker system.

LFE In

(Recommended) Connection for modern surround receivers that have dedicated subwoofer or LFE output.

Line In

(Legacy connection #1) Pre-amp out connection. For receivers/processors that do not have a dedicated subwoofer or LFE output.

Wireless In

Powers a wireless receiver (not yet available)

AC

Connection for IEC AC power cord. (included)

Fuse

Protective fuse drawer

CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN

ATTENTION RISQUE DE CHOC ELECTRIQUE
NE PAS OUVRIR

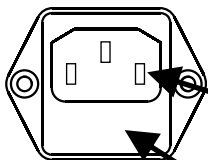
CAUTION: For continued protection against risk of fire, replace only with same type fuse and rating.

ATTENTION: Utiliser un fusible de rechange de meme type et calibre.

120V 60Hz 5A
220-230V 50Hz 2.5A



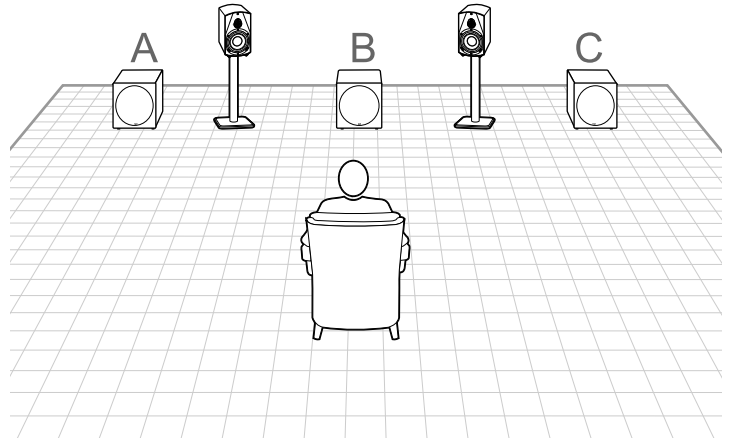
120V Fuse: T5A L 250V
230V Fuse: T2.5A L 250V



Placement

Note: Always provide adequate space for ventilation of the Subwoofer amplifier. Do not place the Subwoofer directly against a wall, curtains or any other surface.

For best results, try to place the subwoofer in the same horizontal plane and along the same wall as the front satellite speakers (Positions A, B or C).

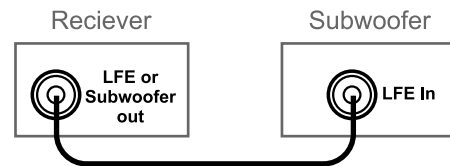


Connections

Make sure all components are powered off and that the Subwoofer is not plugged in to the AC outlet until all connections are completed.

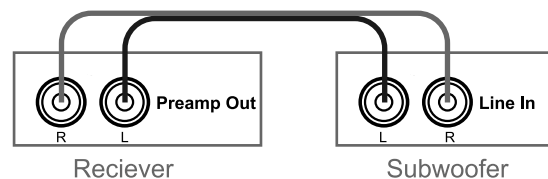
1 Connecting Your Subwoofer to Your AV Surround Receiver

The most common connection for receivers is to run a single audio cable from the receiver Subwoofer or LFE output to the LFE input. The LFE input bypasses the Subwoofer's crossover control. Follow the instructions in your receiver's speaker setup menu to enable the subwoofer and make crossover settings.



2 Connecting Your Subwoofer Using Your Receiver's Preamp Out

Some older surround receivers/processors only offered preamp outputs. Connect a pair of audio cables from the Left and Right Preamp output to the two Line In jacks on the Subwoofer. Follow the instructions in Control Settings below for setting the Subwoofer's crossover point.



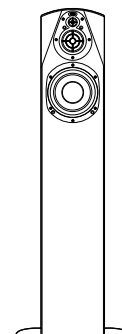
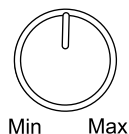
Some newer stereo receivers have pre-amp outputs and in some cases they also have a subwoofer output. If connecting from the preamp out on your receiver follow the instructions immediately above. If connecting from a subwoofer out, use a single RCA cable to the Line in (either left or right). Follow the instructions in Control Settings below for setting the Subwoofer's crossover point.

Control Settings

Volume

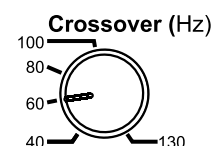
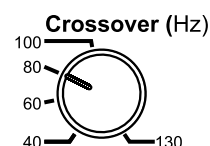
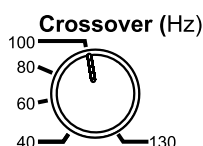
Start in the 12 o'clock position then trim up or down after you have listened for a while. (For LFE connection method, see the online Owners Manual for additional information).

Volume



Crossover

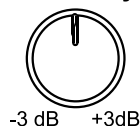
(Connection method 2 only)



Boundary

This control assists in providing the flattest frequency response in your room. If low frequencies sound heavy or boomy (as they often will if the subwoofer is placed in a corner), rotate the knob to towards the -3dB position. If the low frequencies sound thin or lack weight (as they might if the subwoofer is placed far from the walls), rotate the knob towards the +3dB position.

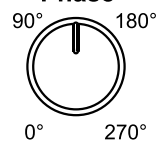
Boundary



Phase

Listen to some of your favorite music. Have someone help you by rotating the knob between 180 and 0 degrees. Find the position that produces the loudest bass from your favorite chair.

Phase



Auto On

Leave in the auto position to have the Subwoofer "sleep" when there is no sound present after 20 minutes. If you prefer to turn off via an external power switch, leave it in the Always On position.

